

## WHAT IS CLAIMED IS:

1. A method to provide feedback to an operator of a device having feedback delay, comprising the steps of:
  - (a) displaying a first image of a view from the device, the device being at a first position;
  - (b) issuing a movement command to cause a desired movement of the device to a second position; and
  - (c) displaying a second image of a predicted view from the device at said second position prior to the operator receiving real feedback of said movement command.
2. The method of claim 1, wherein said second image is based upon at least part of said first image.
3. The method of claim 2, wherein said second image includes a filler section outside of said at least part of said first image.
4. The method of claim 3, wherein said filler section includes a pattern.
5. The method of claim 4, wherein said filler section includes a repetitive pattern.
6. The method of claim 3, wherein said filler section includes historic image data of said predicted view.
7. The method of claim 1, further comprising the step of:
  - (d) displaying a third image of an actual view from the device at said second position.

8. The method of claim 1, further comprising the step of:
- (d) limiting said movement command to ensure that said second image can be based upon at least part of said first image.
9. The method of claim 1, wherein said step of issuing said movement command and said step of displaying said second image, occur substantially at the same time.
10. The method of claim 1, wherein said step of displaying said first image is performed by displaying said first image on a screen, said screen having a frame disposed thereon, said first image being disposed substantially within said frame and wherein said step of displaying said second image is performed by displaying said second image on said screen such that, said second image includes substantially all image elements of said first image.
11. A feedback system for an operator of a device having a camera, comprising:
- (a) a control arrangement configured for issuing a movement command to cause a desired movement of the device from a first position to a second position; and
  - (b) a display configured for:
    - (i) displaying a first image of a view from the device, the device being at a first position; and
    - (ii) displaying a second image prior to the operator receiving real feedback of said movement command, said second image being a predicted view from the device at said second position, said second image being based upon at least part of said first image.
12. The system of claim 11, wherein said display is further configured for displaying a third image of an actual view from the device at said second position.